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OFFICIAL

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**FROM: Winston Hsu, PATENT AGENT, REG. NO. : 41,526**

**SERIAL NO.: 10/605,217**

**ATTORNEY DOCKET NO.: NTCP0021USA**

**SUBJECT: RESPONSE TO OFFICE ACTION MAILED  
ON 02/20/2004**

**TOTAL PAGES: 17PAGES (INCLUDING COVER PAGE)**

**Winston Hsu 2004/05/10**

**NTCP0021USA0\_A2\_1**

PTO/SB/97 (08-00)

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**APPLICATION NUMBER: 10/605,217****PAPERS INCLUDED:**

(1) Transmittal Form	1 PAGE
(2) Fee Transmittal	1 PAGE
(3) Response to the Office Action	11 PAGES
(4) Drawing(s)	2 PAGES

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PTO/SB/21 (08-03)

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<b>TRANSMITTAL FORM</b> <i>(to be used for all correspondence after initial filing)</i>		Application Number 10/605,217
Total Number of Pages in This Submission 15	Filing Date 09/16/2003	First Named Inventor Ping Hsu, Tzu-Ching Tsai
	Art Unit 2822	Examiner Name Perkins, Pamela E.
		Attorney Docket Number NTCP0021USA

ENCLOSURES (Check all that apply)		
<input checked="" type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input checked="" type="checkbox"/> Amendment/Reply <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Response to Missing Parts/ Incomplete Application <input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53	<input checked="" type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation <input type="checkbox"/> Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s) _____	<input type="checkbox"/> After Allowance communication to Technology Center (TC) <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input type="checkbox"/> Other Enclosure(s) (please identify below):
Remarks		

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT	
Firm or Individual name Winston Hsu, Reg. No.: 41,526	
Signature <i>Winston Hsu</i>	
Date 5/9/2004	

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I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below.		
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This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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# FEE TRANSMITTAL for FY 2004

Effective 10/01/2003. Patent fees are subject to annual revision.

 Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT (\$ 0.00)

## Complete if Known

Application Number	10/605,217
Filing Date	09/16/2003
First Named Inventor	Ping Hsu, Tzu-Ching Tsai
Examiner Name	Perkins, Pamela E.
Art Unit	2822
Attorney Docket No.	NTCP0021USA

## METHOD OF PAYMENT (check all that apply)

 Check  Credit card  Money Order  Other  None
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## FEE CALCULATION (continued)

## 3. ADDITIONAL FEES

Large Entity Small Entity

Fee Code (\$)	Fee (\$)	Fee Code (\$)	Fee Description	Fee Paid
1051	130	2051	65 Surcharge - late filing fee or oath	
1052	50	2052	25 Surcharge - late provisional filing fee or cover sheet	
1053	130	1053	130 Non-English specification	
1812	2,520	1812	2,520 For filing a request for ex parte reexamination	
1804	920*	1804	920* Requesting publication of SIR prior to Examiner action	
1805	1,840*	1805	1,840* Requesting publication of SIR after Examiner action	
1251	110	2251	55 Extension for reply within first month	
1252	420	2252	210 Extension for reply within second month	
1253	950	2253	475 Extension for reply within third month	
1254	1,480	2254	740 Extension for reply within fourth month	
1255	2,010	2255	1,005 Extension for reply within fifth month	
1401	330	2401	165 Notice of Appeal	
1402	330	2402	165 Filing a brief in support of an appeal	
1403	290	2403	145 Request for oral hearing	
1451	1,510	1451	1,510 Petition to institute a public use proceeding	
1452	110	2452	55 Petition to revive - unavoidable	
1453	1,330	2453	665 Petition to revive - unintentional	
1501	1,330	2501	665 Utility issue fee (or reissue)	
1502	480	2502	240 Design issue fee	
1503	640	2503	320 Plant issue fee	
1460	130	1460	130 Petitions to the Commissioner	
1807	50	1807	50 Processing fee under 37 CFR 1.17(a)	
1806	180	1806	180 Submission of Information Disclosure Stmt	
8021	40	8021	40 Recording each patent assignment per property (times number of properties)	
1808	770	2809	385 Filing a submission after final rejection (37 CFR 1.129(a))	
1810	770	2810	385 For each additional invention to be examined (37 CFR 1.129(b))	
1801	770	2801	385 Request for Continued Examination (RCE)	
1802	900	1802	900 Request for expedited examination of a design application	

SUBTOTAL (1) (\$ 0.00)

Other fee (specify) \_\_\_\_\_

\*Reduced by Basic Filing Fee Paid

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\*\*or number previously paid, if greater. For Reissues, see above

(Complete if applicable)

Name (Print/Type)	Winston Hsu	Registration No. (Attorney/Agent)	41,526	Telephone 886289237350
Signature	<i>Winston Hsu</i>			
Date	5/17/2004			

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MAY 10 2004

OFFICIAL PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

5 Applicants: Ping Hsu, Tzu-Ching Tsai  
Examiner: Perkins, Pamela E.  
Filing Date: 09/16/2003 Art Unit: 2822  
App. No.: 10/605,217 Docket No.: NTCP0021USA

10 Title: METHOD FOR FABRICATING A DEEP TRENCH CAPACITOR

To: Commissioner for Patents  
P.O. Box 1450  
Alexandria VA 22313-1450

15

Subject: Response to the Office action dated  
02/20/2004

Dear Sir or Madame:

20

INTRODUCTORY COMMENTS

In response to the Office action identified above,  
the above-identified application is to be amended as  
25 indicated in the following sections. Consideration of  
all amendments is politely requested.